

Fixed Structure of Load Detector for Elevator and Load Detection Unit for Elevator

Abstract

This invention provides a fixed structure of a load detector for an elevator being able to improve stability of a rope hitch plate (1), which is used to fix load detectors (2) for detecting the load carried by the lift car, comprising: an I-shaped member (6) transversely fixed on the upper surface of a mechanical beam (11) in an elevator room, two parallel plates (61) of the I-shaped member being perpendicular to the direction in which the mechanical beam (11) extends, an intermediate plate (62) of the I-shaped member (6) being parallel to the direction in which the mechanical beam (11) extends, the two load detectors (2) being fixed on the upper surface of the two parallel plates in a manner that long sides are parallel to the two parallel plates (61) of the I-shaped member; and the rope hitch plate (1) for providing an elevator rope head rod (5), the rope hitch plate (1) being fixed to the two load detectors in a manner that the two load detectors are clamped between two ends and the two parallel plates of the I-shaped member.

FIG. 1